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(54) Title: METHODS FOR IDENTIFYING ENZYME INHIBITORS AND PROTEIN KINASES

(57) Abstract: The present invention provides methods for identifying compounds that inhibit kinases. In addition, methods for profiling protein kinases are also provided. In addition, methods for determining the mode of action of kinase inhibitors are also provided.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C12N 15/09; C12Q 1/42, 1/48; G01N 33/53
US CL : 435/7.1, 7.5, 15, 21, 69.2

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 435/7.1, 7.5, 15, 21, 69.2

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Chemical Abstracts, Biosis

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A, P	US 6,589,758 B1 (ZHU) 08 July 2003 (08.07.2003), see entire document.	1-42
A	WO 99/58128 A1 (MEDICAL RESEARCH COUNCIL) 18 November 1999 (18.11.1999), see entire document.	1-42
A, P	WO 03/031606 A2 (ASTRAZENECA UK LIMITED) 17 April 2003 (17.4.2003), see entire document.	1-42
A	T'JAMPENS, D. et al. Selected BTB/POZ-Kelch Proteins Bind ATP. FEBS Letters. 2002, Vol. 516, pages 20-26.	1-42

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